$:= \lambda_{i}$

| 0 | For receiving Office use only | | | | |
|---------|---|--|--|--|--|
| 0-1 | International Application No. | | | | |
| 0-2 | International Filing Date | | | | |
| 0-3 | Name of receiving Office and "PCT International Application" | | | | |
| | | | | | |
| 0-4 | Form - PCT/RO/101 PCT Request | | | | |
| 0-4-1 | Prepared Using | PCT-SAFE [EASY mode] Version 3.50 (Build 0002.150) | | | |
| 0-5 | Petition | | | | |
| | The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | | | | |
| 0-6 | Receiving Office (specified by the applicant) | Israel Patent Office (RO/IL) | | | |
| 0-7 | Applicant's or agent's file reference | P-5786-PC | | | |
| 1 | Title of Invention | TAK1-MEDIATED INHIBITION OF OSTEOGENESIS | | | |
| 11 | Applicant | | | | |
| 11-1 | This person is: | applicant only | | | |
| 11-2 | Applicant for | all designated States except US | | | |
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| 11-7 | State of residence | IL | | | |
| II-8 | Telephone No. | 02-658-6688 | | | |
| 11-9 | Facsimile No. | 02-658-6694 | | | |
| III-1 | Applicant and/or inventor | | | | |
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| III-1-6 | State of nationality | DE | | | |
| | | | | | |

| III-2 | Applicant and/or inventor | | | | |
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| 111-2-1 | This person is: | applicant only | | | |
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| 111-2-6 | State of nationality | BE | | | |
| 111-2-7 | State of residence | BE | | | |
| III-3 | Applicant and/or inventor | | | | |
| III-3-1 | This person is: | applicant only | | | |
| III-3-2 | Applicant for | all designated States except US | | | |
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| III-3-6 | State of nationality | BE | | | |
| 111-3-7 | State of residence | BE | | | |
| 111-4 | Applicant and/or inventor | | | | |
| 111-4-1 | This person is: | applicant and inventor | | | |
| 111-4-2 | Applicant for | US only | | | |
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| 111-4-6 | State of nationality | IL | | | |
| 111-4-7 | State of residence | us | | | |
| 111-5 | Applicant and/or inventor | | | | |
| 111-5-1 | This person is: | applicant and inventor | | | |
| 111-5-2 | Applicant for | US only | | | |
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| 111-5-5 | Address: | 2 Hanarkis Street 75424 Rishon Lezion Israel | | | |
| 111-5-6 | State of nationality | IL | | | |
| .111-5-7 | State of residence | IL . | | | |

| | T | | | |
|---|---|--|--|--|
| III-6 | Applicant and/or inventor | | | |
| III- 6 -1 | This person is: | applicant and inventor | | |
| 111-6-2 | Applicant for | US only | | |
| 111-6-4 | Name (LAST, First) | TURGEMAN, Gadi | | |
| 111-6-5 | Address: | 216 Machal Street | | |
| | | 97763 Jerusalem | | |
| | | Israel | | |
| 111-6-6 | State of nationality | IL | | |
| III-6-7 | State of residence | IL | | |
| 111-7 | Applicant and/or inventor | | | |
| 111-7-1 | This person is: | applicant and inventor | | |
| 111-7-2 | Applicant for | US only | | |
| 111-7-4 | Name (LAST, First) | HOFFMANN, Andrea | | |
| 111-7-5 | Address: | Koenigsberger-Ring 37 | | |
| | | 30655 Hannover | | |
| · * | | Germany | | |
| 111-7-6 | State of nationality | DE | | |
| 111-7-7 | State of residence | DE | | |
| 111-8 | Applicant and/or inventor | | | |
| III-8-1 | This person is: | applicant and inventor | | |
| III-8-2 | Applicant for | US only | | |
| 111-8-4 | | 1 | | |
| 111-0-4 | Name (LAST, First) | GROSS, Gerhard | | |
| 111-8-5 | Name (LAST, First) Address: | GROSS, Gerhard Fasanenstr. 17 | | |
| | | i - | | |
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| | | Fasanenstr. 17 38102 Braunschweig | | |
| III-8-5 | Address: | Fasanenstr. 17 38102 Braunschweig Germany | | |
| III-8-5 III-8-6 | Address: State of nationality | Fasanenstr. 17 38102 Braunschweig Germany DE | | |
| III-8-5 III-8-6 III-8-7 | Address: State of nationality State of residence | Fasanenstr. 17 38102 Braunschweig Germany DE | | |
| III-8-5 III-8-6 III-8-7 | Address: State of nationality State of residence Applicant and/or inventor | Fasanenstr. 17 38102 Braunschweig Germany DE DE | | |
| III-8-5 III-8-6 III-8-7 III-9 | Address: State of nationality State of residence Applicant and/or inventor This person is: | Fasanenstr. 17 38102 Braunschweig Germany DE DE applicant and inventor | | |
| III-8-5 III-8-6 III-8-7 III-9 III-9-1 III-9-2 | Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for | Fasanenstr. 17 38102 Braunschweig Germany DE DE US only | | |
| III-8-5 III-8-6 III-8-7 III-9-1 III-9-2 III-9-4 | Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | Fasanenstr. 17 38102 Braunschweig Germany DE DE US only WODARCZYK, Claas | | |
| III-8-5 III-8-6 III-8-7 III-9-1 III-9-2 III-9-4 | Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | Fasanenstr. 17 38102 Braunschweig Germany DE DE applicant and inventor US only WODARCZYK, Claas Heinrichstrasse 38 | | |
| III-8-5 III-8-6 III-8-7 III-9-1 III-9-2 III-9-4 | Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) | Fasanenstr. 17 38102 Braunschweig Germany DE DE applicant and inventor US only WODARCZYK, Claas Heinrichstrasse 38 38106 Braunschweig | | |

| III-10 | Applicant and/or inventor | | | | |
|-------------------------|--|---|--|--|--|
| III-70 III-10-1 | Applicant and/or inventor This person is: | applicant and inventor | | | |
| | · · | 1 | | | |
| | Applicant for | US only | | | |
| III-10-4 | Name (LAST, First) | VERSCHUEREN, Kristin | | | |
| III-10-5 | Address: | Twee Leeuwenstraat 22 | | | |
| | | B-3078 Everberg | | | |
| | · | Belgium | | | |
| III-10-6 | State of nationality | BE | | | |
| III-10-7 | State of residence | BE | | | |
| IV-1 | Agent or common representative; or address for correspondence | | | | |
| | The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent | | | |
| IV-1-1 | Name: | EITAN, PEARL, LATZER & COHEN-ZEDEK | | | |
| IV-1-2 | Address: | 7 Shenkar Street | | | |
| | | 46725 Herzlia | | | |
| | | Israel | | | |
| IV-1-3 | Telephone No. | 972 9 9709000 | | | |
| IV-1-4 | Facsimile No. | 970 9 9709001 | | | |
| IV-1-5 | e-mail | mail@technolawgy.co.il | | | |
| IV-2 | Additional agent(s) | additional agent(s) with same address as first named agent | | | |
| IV-2-1 | Name(s) | COHEN, Mark S. | | | |
| $\overline{\mathbf{v}}$ | DESIGNATIONS | | | | |
| V-1 | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | | | | |
| VI-1 | Priority claim of earlier national application | | | | |
| VI-1-1 | Filing date | 01 April 2003 (01.04.2003) | | | |
| VI-1-2 | Number | 60/458,954 | | | |
| VI-1-3 | Country | | | | |
| | | US | | | |
| VII-1 | International Searching Authority Chosen | United States Patent and Trademark Office (USPTO) (ISA/US) | | | |

| AIII | Declarations | Number of declarations | | | |
|--------|--|----------------------------|-----------------------------|--|--|
| VIII-1 | Declaration as to the identity of the inventor | - | | | |
| /III-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - | | | |
| /111-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | | | | |
| /111-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | | | |
| /III-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | | | | |
| X | Check list | number of sheets | electronic file(s) attached | | |
| X-1 | Request (including declaration sheets) | 5 | - | | |
| X-2 | Description | 49 | - | | |
| X-3 | Claims | 9 | - | | |
| X-4 | Abstract | 1 | / | | |
| X-5 | Drawings | 17 | - | | |
| X-7 | TOTAL | 81 | | | |
| | Accompanying Items | paper document(s) attached | electronic file(s) attached | | |
| X-8 | Fee calculation sheet | 1 |]- | | |
| X-13 | Priority document(s) | Item(s) VI-1 | - | | |
| X-17 | PCT-SAFE physical media | | 1 | | |
| IX-19 | Figure of the drawings which should accompany the abstract | 2B | | | |
| IX-20 | Language of filing of the international application | English | | | |
| X-1 | Signature of applicant, agent or common representative | Mhl I W | | | |
| X-1-1 | Name: | COHEN, Mark S. | | | |
| X-1-2 | Name of signatory | | | | |
| X-1-3 | Capacity | • | | | |

Original (for SUBMISSION)

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| 10-1 | Date of actual receipt of the purported international application | | | | |
|--------|---|--------|------|---|------|
| 10-2 | Drawings: | | | | |
| 10-2-1 | Received | | | | |
| 10-2-2 | Not received | | | | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | | | | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | | | | |
| 10-5 | International Searching Authority | ISA/US | | • | |
| 10-6 | Transmittal of search copy delayed until search fee is paid | | | | |

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| 11-1 | Date of receipt of the record copy by | |
|------|---------------------------------------|--|
| | the International Bureau | |